Smoke Alarm

Lithium 10 year battery

Model Ei 100TYC Ionisation

- **High sensitivity – responds to all standard fires**
- **Dual Ionization chamber - quick response fast flaming fires**
- **Lithium 10 year battery to provide long lasting life**
- **No changing of battery required**
- **Interconnect up to 12 other alarms**
- **Needs no wiring**
- **Built in sounder**
- **Test and hush button**
- **Kitemarked to BS EN 14604:2005**
- **5 year guarantee**

Product Description

The Ei100TYC is an Ionisation Smoke Alarm that runs on a 9V lithium 10 year battery (supplied with the alarm).

Ionisation smoke alarms operate on the principle that electrical current flowing between electrodes in an ionization chamber is reduced when smoke particles enter.

Ionisation technology gives a rapid response to fast flaming fires

The Ei100TYC is easily installed and comes supplied with all necessary screw fixings.

The interconnect feature allows the alarm to be connected with up to 12 other similar alarms.

Operation

- The smoke detector will activate the built in sounder upon sensing smoke particles
- The smoke detector will automatically reset itself and silence the sounder when smoke particles are no longer present in the sensing chamber
- The built in sounder will provide a minimum sound output of 85dB at 3m
- The “Hush/Test” button will perform a self test and sound the horn (it may take up to 10 seconds)
- The “Hush/Test” button will silence nuisance alarms
- Interconnect up to 12 other alarms (9V ionisation, optical or heat) when one senses smoke, all alarm. Helps ensure warning will be heard throughout the house
- The smoke detector will emit a beep every 40 seconds to indicate that the battery back up is depleted and that the alarm should be removed and replaced with a new one (the batteries are not replaceable in the Ei100TYC)

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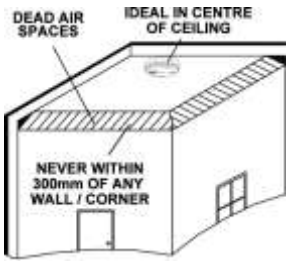
Model Ei100TYC Ionisation

Technical Specification

Sensor	Ionisation, uses electrically charged ions that will react to smoke particles
Sensitivity:	Complies with BS 5446 Part 1: 2000
Source:	Americium 241
Airspeed:	Essentially immune to the effect of airspeed.
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn.
Supply Voltage:	9V lithium battery
Alarm:	Piezoelectric-horn in unit
Alarm Sound Output:	85dB (minimum) at 3m
Temperature Range:	0 to 40°C
Humidity Range:	0% to 90% Relative Humidity
Fixing:	Screw fixings supplied
Plastic material:	UL94HB flame retardant
Dimensions:	140x120x45 mm
Weight:	206 grams
Warranty:	5 year (limited) warranty
Approvals:	Kitemarked to BS EN 14604:2005, CE Approved

Specifications are subject to change

Installation & Placement



Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of “dead air” close to corners of rooms and apexes of ceilings, which could result in the prevention of smoke reaching the smoke detector

Please consult the Instruction Leaflet supplied with the Ei100TYC for detailed instructions as to how to correctly install and position the smoke detector

Important Precaution:
Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished..

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